

Blood transfusion in lower limb arthroplasty: the safe and economical future

Submission date 12/09/2003	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
Registration date 12/09/2003	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
Last Edited 28/11/2014	Condition category Surgery	<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> Record updated in last year

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
N0155119586

Study information

Scientific Title
Blood transfusion in lower limb arthroplasty: the safe and economical future

Study objectives

Prospective randomised study comparing the effect of homologous blood transfusion and autotransfusion of shed blood in 120 patients undergoing primary total knee replacement on the incidence of post-operative bacterial infection, immune modulation, complement and leukocyte activation and changes in coagulation and fibrinolysis following transfusion.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Study design

Randomised controlled trial

Primary study design

Interventional

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Surgery: Primary knee arthroplasty

Interventions

1. Group A (60) will receive homologous transfusion
2. Group B (60) will receive wound drained autotransfusion

Intervention Type

Procedure/Surgery

Phase

Not Specified

Primary outcome(s)

Not provided at time of registration

Key secondary outcome(s)

Not provided at time of registration

Completion date

01/12/2004

Eligibility

Key inclusion criteria

120 patients undergoing primary knee arthroplasty

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

01/01/2003

Date of final enrolment

01/12/2004

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

North Manchester General Hospital

Manchester

United Kingdom

M8 5RB

Sponsor information**Organisation**

Department of Health (UK)

Funder(s)**Funder type**

Government

Funder Name

North Manchester Healthcare NHS Trust (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration